Form 3160-3 (April 2004)			FORM APPRO OMB No. 1804- Expires March 31	0137	
UNITED STATES DEPARTMENT OF THE	INTERIOR	-	5. Lease Serial No. UTU-75099  6. If Indian, Allotee or Tribe Name N/A		
BUREAU OF LAND MAN APPLICATION FOR PERMIT TO					
la. Type of work:  DRILL  REENT			7 If Unit or CA Agreement N/A		
Comment Control Control	Single Zone Mult	iple Zone	8. Lease Name and Well N Big Pack #11-21-34	ło. 4-33	
Name of Operator  Enduring Resources, LLC  Logi Well  Gas wen Conduction  Enduring Resources, LLC				37602	
3a. Address 475 17th Street, Suite 1500 Denver, CO 80202	3b. Phone No. (include area code) 303-350-5114		- <u> </u>	hid comp	
4. Location of Well (Report location clearly and in accordance with 719' FSL - 1,899' FEL SWSE	0 1. 1 10.	, 1	11, Sec., T. R. M. or Blk an Sec 33 T11S R21E		
At proposed prod. zone Same as surface 44074.  14. Distance in miles and direction from nearest town or post office.	334 101.549		12. County or Parish Ulntah	13. State UT	
53.7 miles south of Vernal, UT  15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of acres in lease 1280	40 ac	g Unit dedicated to this well res BIA Bond No. on file		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  1000' +	19. Proposed Depth 8308'	BLM	- UTB000173		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5986' KB-RT	22 Approximate date work will 02/25/2005	start*	23. Estimated duration 20 days		
	24. Attachments	s stacked to the	nis form:		
The following, completed in accordance with the requirements of On  1. Well plat certified by a registered surveyor.  2. A Drilling Plan.  3. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Office).	4. Bond to cov Item 20 abov tem Lands, the 5. Operator cer	er the operation tification site specific in	formation and/or plans as m	ay be required by the	
25. Signature	Name (Printed Typed) Alvin R. (Al) Ar	lien	Da	12/28/2005	
Title Landman Regulatory Specialist				Date	
Approved by Edgraphie	BRADLEY G.	HILL		96-29-00	
Title  Application approval does not warrant or certify that the applicant	1		ubject lease which would ent	itle the applicant to	
conduct operations thereon.					
Conditions of approval, if any, are attached.  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make States any false, fictitious or fraudulent statements or representation	it a crime for any person and migry ons as to any matter within its jurisdicti	on.			

\*(Instructions on page 2)

Federal Approval of this Action is Magneton

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# T11S, R21E, S.L.B.&M.

\$89.57'W - 80.00 (G.L.O.)

N89°52'47"E - (Basis of Bearings) 2641.24' (Measured) Found 1923 Bross Found 1923 Brass Cap. Pile of Stones Cap, Pile of Stones DISTANCE TO NEAREST WELL TO WELL COURSE DISTANCE FROM WELL ,10.001 11-21-43-33 | 11-21-34-33 | S38'37'57"W | 2002' Found 1923 Bross Cap, Pile of Stones M.20.00N WELL LOCATION: BIG PACK 11-21-34-33 FIFV UNGRADED GROUND = 5982.3' DRILLING WINDOW Proposed 1899

> N89\*55'18"E - 2636.35' (Meas.) S89\*57'W (G.L.O.)

Found 1923 Brass

Cap, Pile of Stones

A = SECTION CORNERS LOCATED

(6.1.0)

W.E0.00

BASIS OF ELEVATION IS TRIANGULATION STATION BUCK (1936) LOCATED IN THE SW 1/4 OF SECTION 23, T12S, R21E, S.L.B.&M. THE ELEVATION OF THIS TRIANGULATION STATION IS SHOWN ON THE BIG PACK MTN. SE 7.5 MIN. QUADRANGLE AS BEING 6546'.

BIG PACK 11-21-34-33 (Proposed Well Head) NAD 83 Autonomous

EATITUDE = 39' 48' 42.5" LONGITUDE = 109' 34' 10.9"

Found 1923 Brass

Cap. Pile of Stones

#### ENDURING RESOURCES

WELL LOCATION, BIG PACK 11-21-34-33, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 33, T11S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH.

#### NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE MECKE PLAT WAS PREPARED FROM FIELD NOTES OF LAW TURE SURVEYS MADE BY ME OR UNDER MIX SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLEFO NO.362251 KOLBY R.

REGISTERED AND SURREYORS

## TIMBERLINE LAND SURVEYING, INC.

STATE OF UTAH

38 WEST 100 NORTH. - VERNAL, UTAH 84078 (435) 789-1365

( ¬	33) 733 1333	
DATE SURVEYED: 6-7-05	SURVEYED BY: K.R.K.	SHEET
DATE DRAWN: 6-28-05	DRAWN BY: C.B.T.	2
SCALE: 1" = 1000'	Date Last Revised:	OF 10

P. 002



FAX No. 3035730461

475 17<sup>th</sup> Street Suite 1500 Denver Colorado 80202 Telephone 303 573-1222 Fax 303 573 0461

June 29, 2006

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

Big Pack #11-21-34-33 RE:

719' FSL - 1,899' FEL **SWSE** Section 33 ,T11S-R21E S.L.B.& M. Lease Serial No.: UTU-75099

Uintah County, Utah

Dear Ms. Whitney:

Enclosed is an original application to drill concerning the above-referenced proposed well. Also enclosed is a copy of the BLM APD.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Very truly yours,

**ENDURING RESOURCES, LLC** 

Alvin R. (Al) Arlian Landman-Regulatory Specialist

ara **Enclosures:**  RECEIVED JUN 2 9 2006

DIV. OF OIL, GAS & MINING

## SELF-CERTIFICATION STATEMENT

FAX No. 3035730461

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Big Pack #11-21-34-33 719' FSL - 1,899' FEL **SWSE** Section 33 ,T11S-R21E S.L.B.& M. Lease Serial No.: UTU-75099 Uintah County, Utah

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.

June 29, 2006

Alvin R. Arlian

Regulatory Specialist

Enduring Resources, LLC

475 17th Street, Suite 1500

Denver, CO 80202

(303) 350-5114

RECEIVED JUN 2 9 2006



475 17<sup>™</sup> Street Suite 1500 Denver Colorado 80202 Telephone 303 573-1222 Fax 303 573 0461

**December 28, 2005** 

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

**RE:** Big Pack #11-21-34-33

719' FSL - 1,879' FEL SWSE Section 33 ,T11S-R21E S.L.B.& M. Lease Serial No.: UTU-75099

**Uintah County, Utah** 

Dear Ms. Whitney:

Enclosed is an original application to drill concerning the above-referenced proposed well. Also enclosed is a copy of the BLM APD.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5114.

Very truly yours,

**ENDURING RESOURCES, LLC** 

Alvin R. (Al) Arlian

Landman-Regulatory Specialist

ara

**Enclosures:** 

RECEIVED JAN 0 3 2006

DIV. OF OIL, GAS & MINING

## **SELF-CERTIFICATION STATEMENT**

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Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Big Pack #11-21-34-33 719' FSL - 1,879' FEL SWSE Section 33 ,T11S-R21E S.L.B.& M. Lease Serial No.: UTU-75099

Uintah County, Utah

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.

December 28, 2005

Alvin R. Arlian

Regulatory Specialist Enduring Resources, LLC 475 17th Street, Suite 1500

Denver, CO 80202

(303) 350-5114

#### Enduring Resources, LLC Big Pack #11-21-34-33 SWSE Sec 33 T11S-R21E Uintah County, Utah

#### Lease # UTU-075099

#### **ONSHORE ORDER 1 - DRILLING PLAN**

#### 1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Uinta	Surface
Green River	442'
Wasatch	3579'
Mesaverde	5922'

## 2. <u>Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:</u>

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5986'	
Oil / Gas	Green River	442'
Oil /Gas	Wasatch	3579'
Oil /Gas	Mesaverde	5922'
	TD	8308'

A 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

## 3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: <u>Annular Preventer</u>

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

#### **Blow-Out Preventer**

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

## E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

# 4. Proposed Casing & Cementing Program:

## A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 8308' (KB)

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

#### **B.** Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL) 2016' (KB)	14" OD 8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
8308' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.47 (d)	7780/1.96(e)	223/2.69 (f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

#### PROPOSED CEMENTING PROGRAM

## Surface Casing (if well will circulate)-Cemented to surface

CACING	CLUDBY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
8-5/8"	SLURRY Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaC <sub>2</sub> + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15  $\rm ft^3/sx$ ) cement will be premium cement w/ 3% CaCl<sub>2</sub> + 0.25 pps celloflake. Volume as required

## Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
CASING	SECITION	1 166			(1.4)	(F1 07	<del>  `                                   </del>
8-5/8"	Lead	500	Premium cement + 2% CaCl <sub>2</sub> + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl <sub>2</sub> + 0.25 pps celloflake	As Req.		15.8	1.15

# Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
4-1/2"	Lead	1463	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	128	25	11.0	3.3
4-1/2"	Tail	5129	50/50 POZ Class G + 2% gel +1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	936	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

## 5. <u>Drilling Fluids (mud) Program:</u>

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-8308' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

## 6. <u>Evaluation Program:</u>

<u>Tests</u>: No tests are currently planned.

Coring: No cores are currently planned.

Samples: No sampling is currently planned.

#### Logging

- Dual Induction SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML TD to Base Surface Casing
- Cement Bond Log / Gamma Ray: TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

#### 7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No  $H_2S$  has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4,320 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,492 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

### 8. Anticipated Starting Dates:

• Anticipated Commencement Date- Within one year of APD issue.

Drilling Days Approximately 10 days

Completion Days - Approximately 10 days

• Anticipate location construction within 30 days of permit issue.

### 9. <u>Variances:</u>

None anticipated

### 10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.

#### Enduring Resources, LLC Big Pack #11-21-34-33 SWSE Sec 33 T11S-R21E Uintah County, Utah

#### Lease # UTU-075099

#### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. Existing Roads:

Directions to the Big Pack #11-21-34-33 Well Pad

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 17 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 22.4 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 1,400 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.7 MILES IN A SOUTHERLY DIRECTION.

#### 2. Planned Access Roads:

The proposed access road will be approximately 1,400 feet of new construction (ON-LEASE) and no new construction (OFF-LEASE). Access will be directly from the Seep Ridge Road. Please refer to Topo Map "B" for the takeoff point for the new road construction.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provided a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

Page

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during All traffic will be confined to the approved disturbed surface. drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

#### Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" 3. attached):

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

a.	None:	Water Wells:
b.	None:	Injection Wells:

b. **Producing Wells:** One: C.

Dominion Fed K 23-22, NESW, Sec 22, 11S-21E

Drilling Wells: None: d. Shut-in Wells: None: e.

Temporarily Abandoned Wells: None: f.

Disposal Wells: None: g. **Abandoned Wells:** Two: h.

Humble Willow Creek 1, NESW, Sec 21, 11S-21E,

Great Lakes Cottonwood Wash U 1, NESW, Sec 21, ii.

11S-21E

Dry Holes: i. None:

Observation Wells: None: j.

Pending (staked) Wells: Four: k.

Big Pack 11-21-44-28 i. Big Pack 11-21-41-33

ii. Big Pack 11-21-42-28 iii.

Big Pack 11-21-43-33 iv.

(all on UTU-075099, all Enduring)

#### **Location of Existing and/or Proposed Facilities:** 4.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Black Olive Black. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline: ON-LEASE 1480' BLM OFF-LEASE -0-'

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 1480 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

a. ON-LEASE approximately 1,480 feet, and

b. OFF-LEASE approximately -0- feet

of 4 inch or less diameter steel, unpainted, welded gas gathering line is proposed.

The proposed pipeline will begin at the well site; and be laid on the surface next to the new access road (north), and tie-in directly to an existing pipeline along Seep Ridge Road. The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter. A 6" surface pipeline along the Seep Ridge Road is being permitted under the APD for the Big Pack 11-21-41-33 Well.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

## 5. Location and Type of Water Supply:

Water will be obtained from the White River by Tu and Frum, Inc. Water User Claim #49-2185, Application #T75517, or by Target Trucking Water User Claim #43-2195, or by Dalbo Inc. Water User Claim #43-8496

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

## 6 Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized fro location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

## 7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in

Page - 5 -

threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

## 8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

# 9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

#### 10. Plans for Surface Reclamation:

#### **Producing Location:**

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

#### Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

## Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the BLM.

# 11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite: Bureau of Land Management

Access: Bureau of Land Management

Pipeline: Bureau of Land management

#### 12. Other Information

## On-site Inspection for Location, Access and Pipeline Route:

The on-site was conducted September 8, 2005.

## **Special Conditions of Approval:**

- Tanks and Production Equipment shall be painted Dark Olive Black.
- Gathering Pipeline shall be 4" or less.

### Archeology:

a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

### Paleontology:

a. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported

- 8 -

promptly to the surface management agency.

#### Lessee's or Operator's Representatives: 13,

#### Representatives:

Alvin R. (Al) Arlian Landman - Regulatory Specialist Enduring Resources, LLC 475 17<sup>th</sup> Street, Suite 1500 Denver, Colorado 80202 Office Tel: 303-350-5114

303-573-0461 Fax Tel:

aarlian@enduringresources.com

Frank Hutto Vice President – Operations Enduring Resources, LLC 475 17<sup>th</sup> Street, Suite 1500 Denver, Colorado 80202 Office Tel: 303-573-5102

Fax Tel: 303-573-0461

fhutto@enduringresources.com

# ENDURING RESOURCES Big Pack 11-21-34-33 Section 33, T11S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 17 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 22.4 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 1,400 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 53.7 MILES IN A SOUTHERLY DIRECTION.

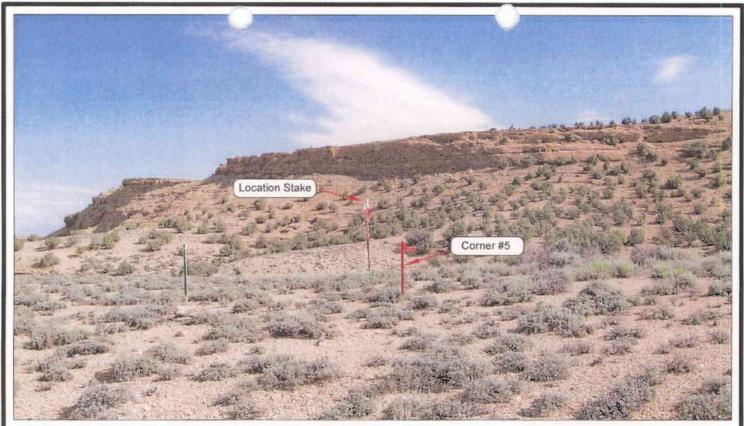


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

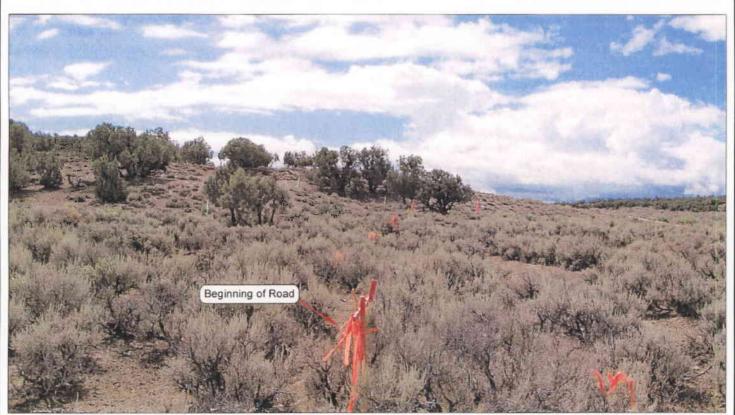


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

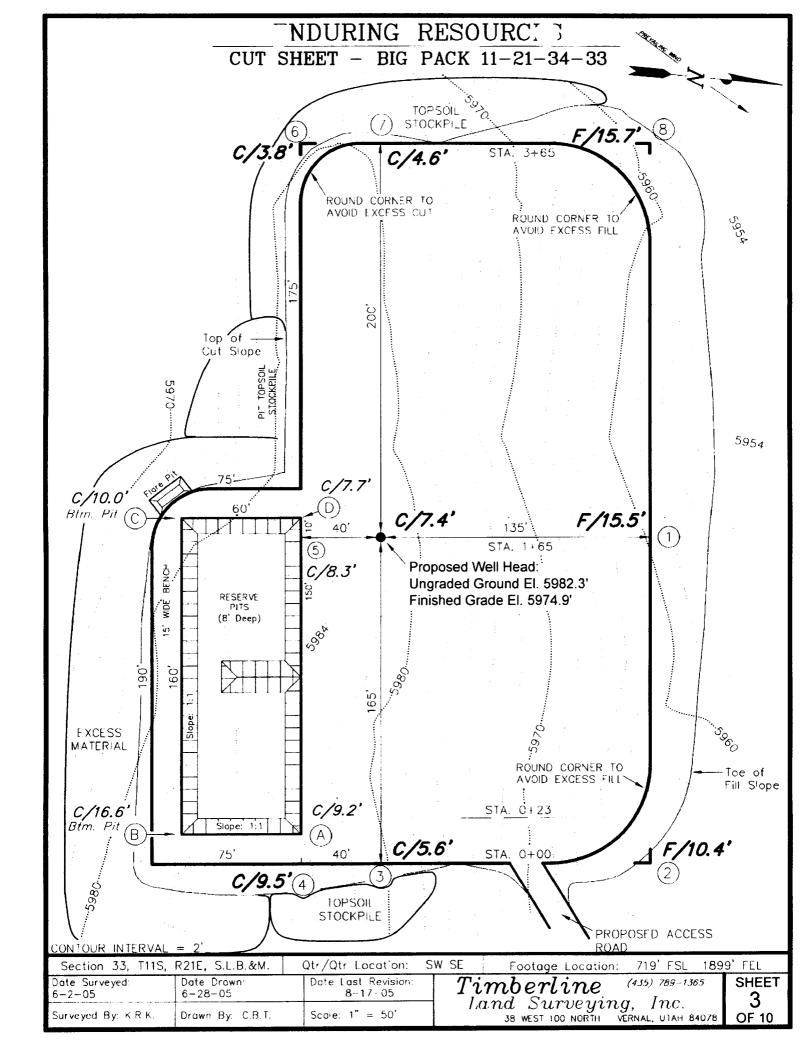
CAMERA ANGLE: NORTHERLY

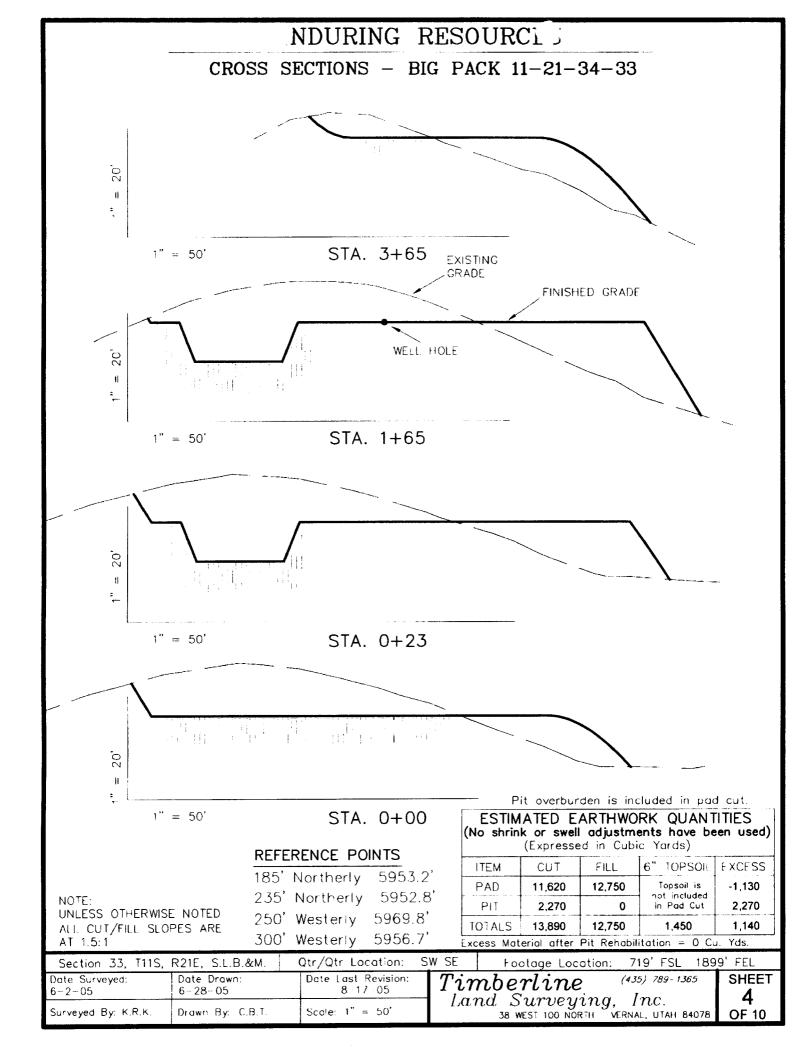
## **ENDURING RESOURCES**

BIG PACK 11-21-34-33 SECTION 33, T11S, R21E, S.L.B.&M. 719' FSL & 1899' FEL

LOCATION	PHOTOS	DATE TAKEN: 6-7-05
DOCKTION	1110100	DATE DRAWN: 7-1-05
TAKEN BY: K.R.K.	DRAWN BY: C.B.T.	REVISED: 8-17-05

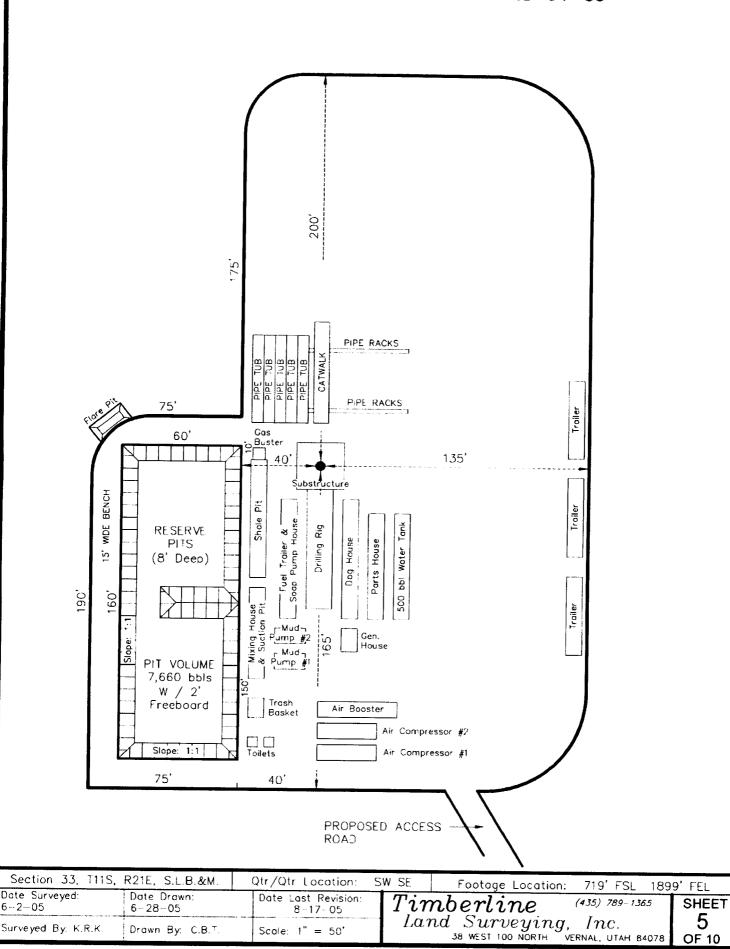
Timberline Land Surveying, Inc. 38 West 100 North Vernal, Utah 84078 (435) 789-1365 SHEET 1 OF 10





# . JDURING RESOURCE.

TYPICAL RIG LAYOUT - BIG PACK 11-21-34-33



Surveyed By: K.R.K.

Drawn By: C.B.T.

Scale: 1" = 50'

VERNAL, UTAH 84078

**OF 10** 

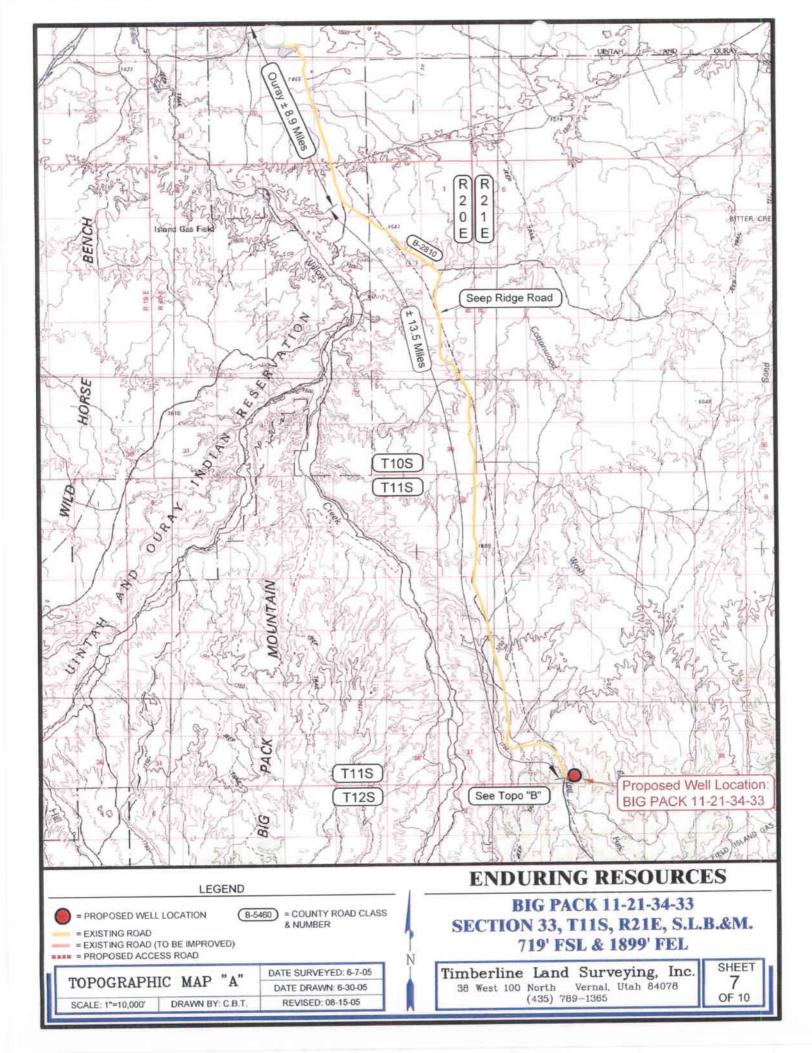
# L.NDURING RESOURCL TYPICAL PRODUCTION LAYOUT - BIG PACK 11-21-34-33 Dump Lines Separator, Dehydrator & Meter 2 300 bbl Flow line Tanks & Berm nsulated ( ● WELL HEAD PIT AREA **ACCESS**

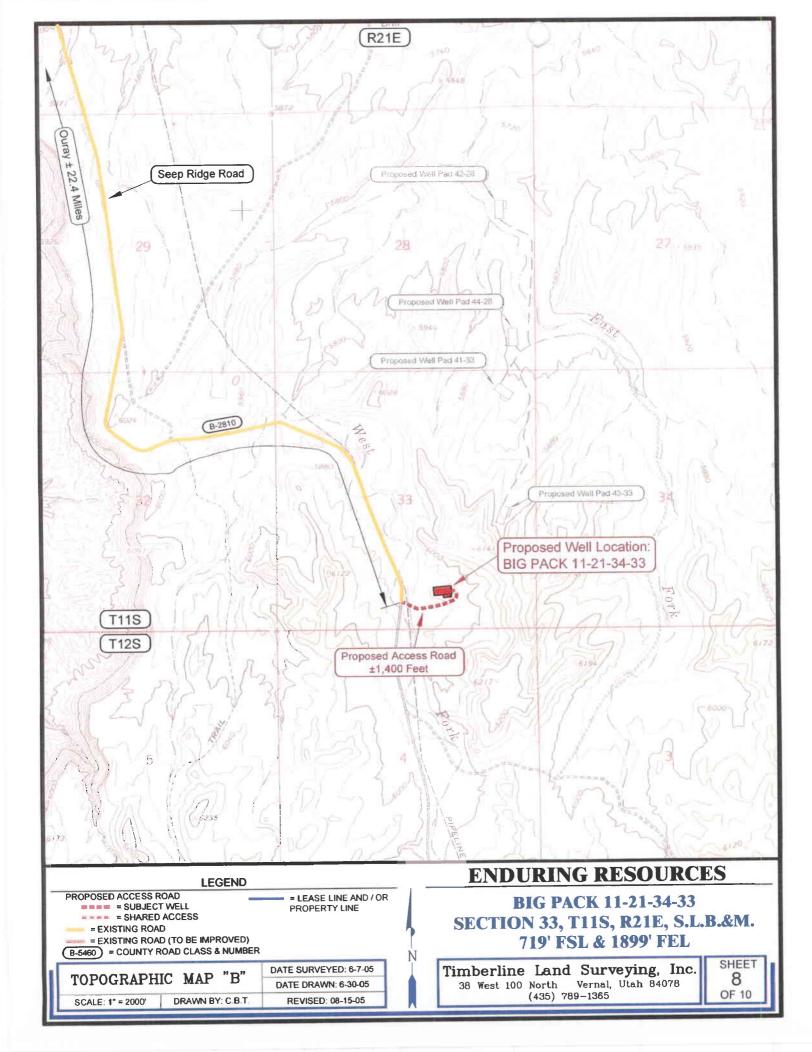
SW SE Footage Location: 719' FSL Section 33, T11S, R21E, S.L.B.&M. Qtr/Qtr Location: 1899' FEL Date Surveyed: 6-2-05  $\overline{Tim}$ berline Date Drawn: Date Last Revision: (435) 789 1365 SHEET 6-28-05 8-17-05 6

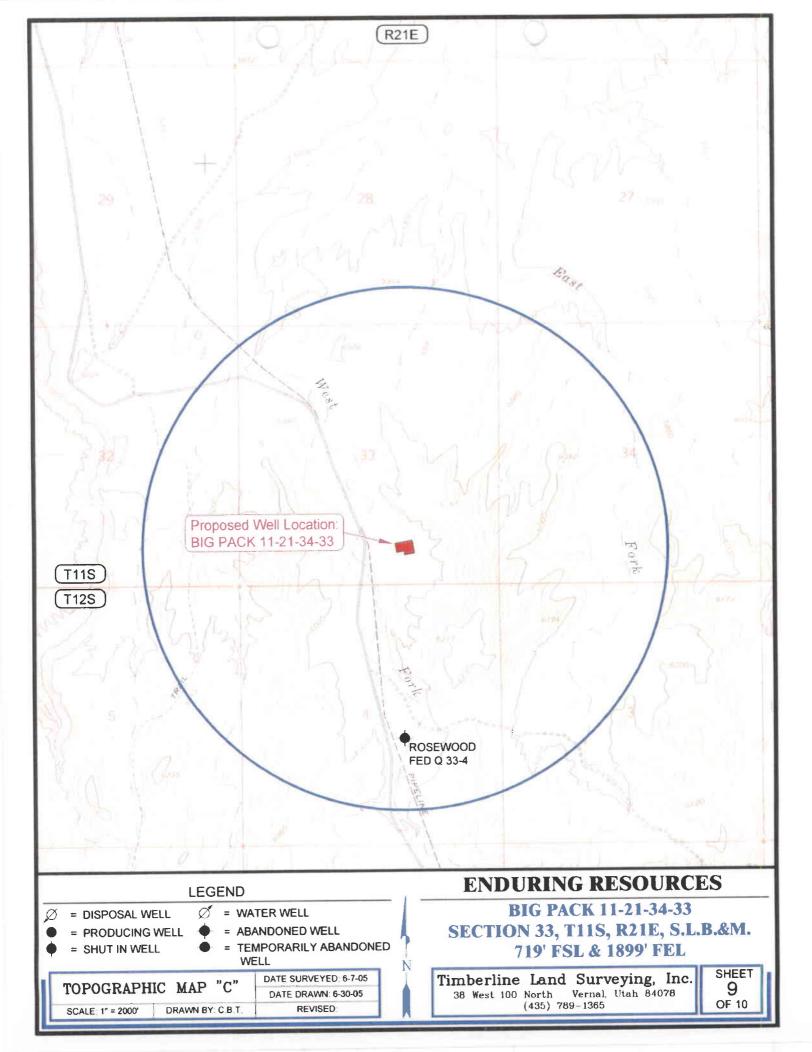
**OF 10** 

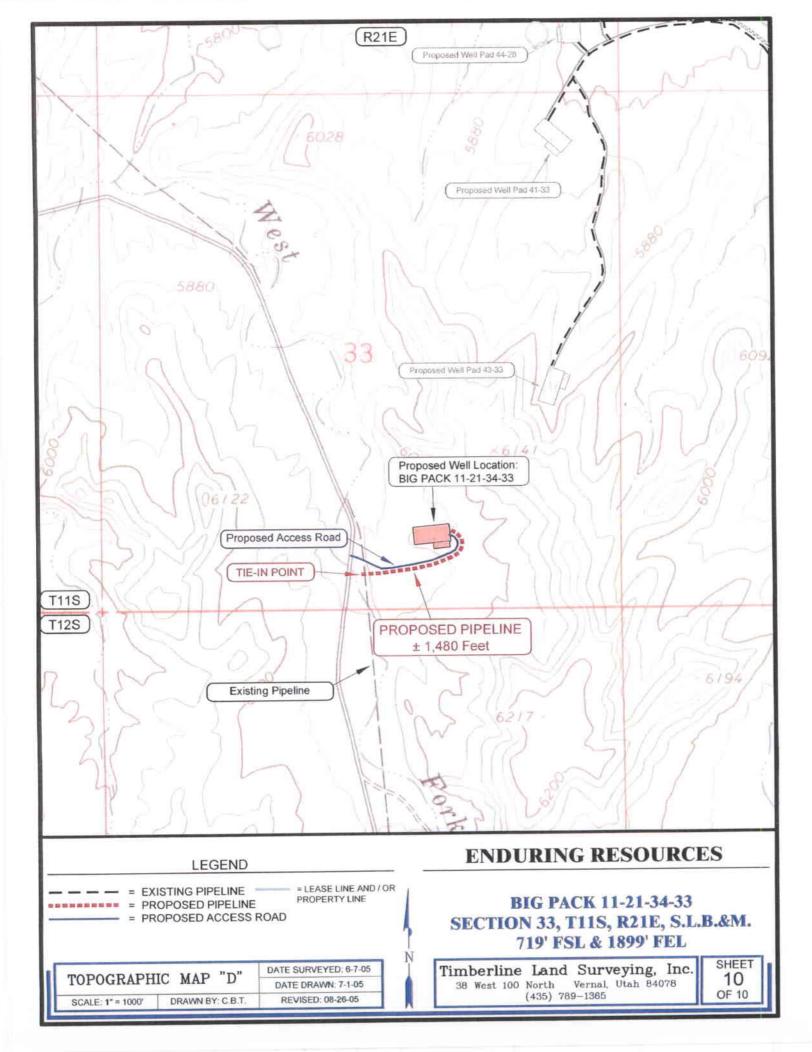
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078 Scale: 1'' = 50'Drawn By: C.B T.

Surveyed By: K.R.K.

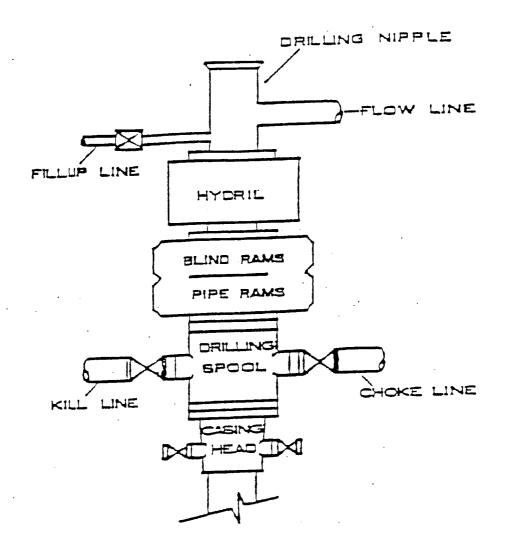


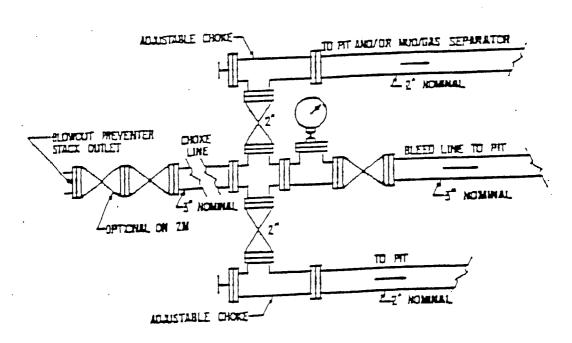






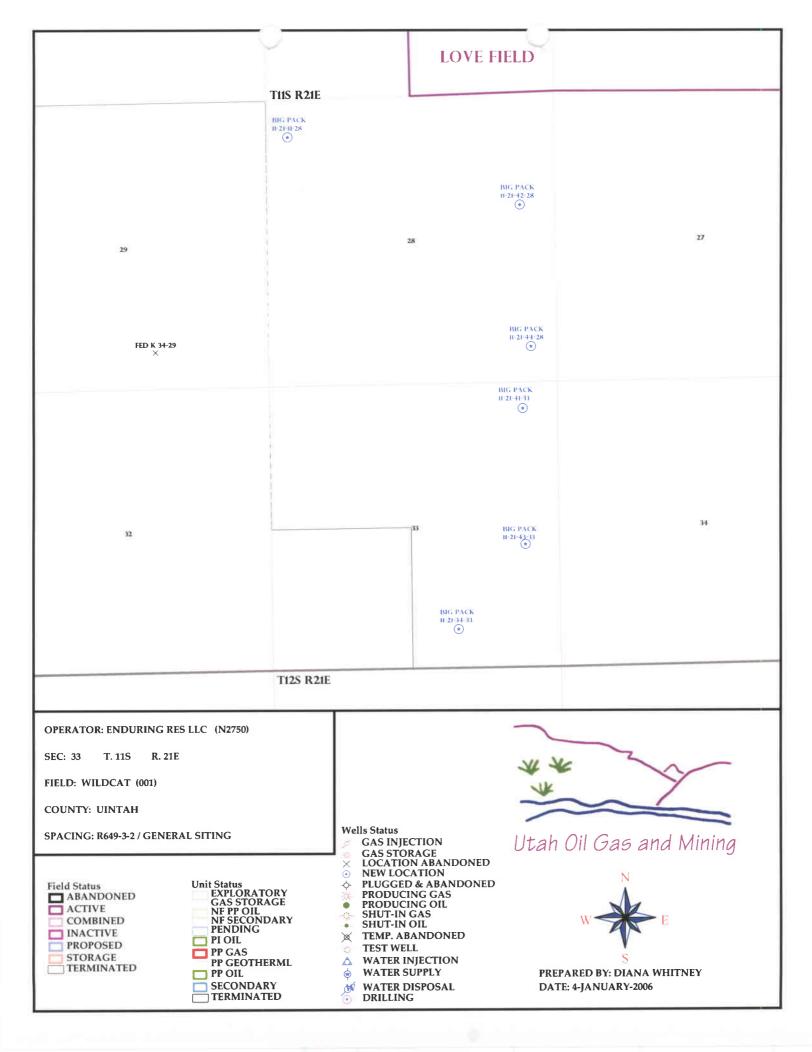
## EOP STACK





# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/03/2006	API NO. ASSIGNED: 43-047-37602		
WELL NAME: BIG PACK 11-21-34-33  OPERATOR: ENDURING RESOURCES, LLC ( N2750 )  CONTACT: AL ARLIAN  PROPOSED LOCATION:	PHONE NUMBER: 303-350-5114  INSPECT LOCATN BY: / /		
SWSE 33 110S 210E SURFACE: 0719 FSL 1899 FEL	Tech Review Initials Date		
BOTTOM: 0719 FSL 1899 FEL			
UINTAH	Engineering		
WILDCAT ( 1 )	Geology		
LEASE TYPE: 1 - Federal	Surface		
LEASE NUMBER: UTU-75099  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: MVRD  COALBED METHANE WELL? NO	LATITUDE: 39.81179  LONGITUDE: -109.5690		
RECEIVED AND/OR REVIEWED:  Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. RLB0008031 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit (No. 43-8496 )  RDCC Review (Y/N) (Date:)  NH Fee Surf Agreement (Y/N)  NH Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3.  Unit R649-3-2. General         Siting: 460 From Qtr/Qtr & 920' Between Wells         R649-3-3. Exception  Drilling Unit         Board Cause No:         Eff Date:         Siting:  R649-3-11. Directional Drill		
STIPULATIONS: 1- Leder Office Stip			





Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

June 29, 2006

Enduring Resources, LLC 475 17th St., Ste. 1500 Denver, CO 80202

Re: <u>Big Pack 11-21-34-33 Well, 719' FSL, 1899' FEL, SW SE, Sec. 33,</u> T. 11 South, R. 21 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37602.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Enduring Resources, LLC		
Well Name & Number	Big Pac	k 11-21-34-33	
API Number:	43-047-37602 UTU-75099		
Lease:			
Location: SW SE	<b>Sec.</b> 33	<b>T.</b> 11 South	<b>R.</b> 21 East

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

		STATE OF UTAH  DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS AND	DURCES MINING		B LEASE DESIGN UTU-75099	FORM 9 IATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
				7. UNIT or CA AGREEMENT NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.					n/a	
1. TYPE OF WELL OIL WELL GAS WELL OTHER				·	8. WELL NAME and NUMBER: Big Pack 11-21-34-33	
2. NAME OF OPERATOR:					9. API NUMBER:	
	during Resources, LLC			DUONE NUMBER:	4304737602 10. FIELD AND POOL, OR WILDCAT:	
3. ADDRESS OF OPERATOR: (202) 250 5710 Undesignated						
4. LOCATION OF WELL  FOOTAGES AT SURFACE: 719' FSL - 1899' FEL  COUNTY: Uinta					tah	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 33 11S 21E S					OTATE:	
Q.	TR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: SWSE 33 11S	21E S		STATE:	UTAH
		oc, menubum ovyoe	2.12	OF NOTICE, REPOR		
11.	CHECK APPF	IGE, MERIDIAN: SWSE 33 11S ROPRIATE BOXES TO INDIC	CATE NATURE	OF NOTICE, REPOR		
11.	CHECK APPE	oc, menubum ovyoe	CATE NATURE		RT, OR OTH	
11.	CHECK APPF	ROPRIATE BOXES TO INDIC	CATE NATURE	YPE OF ACTION	RT, OR OTH	IER DATA
11.	CHECK APPR TYPE OF SUBMISSION NOTICE OF INTENT	ROPRIATE BOXES TO INDIC	CATE NATURE  T  DEEPEN  FRACTURE	YPE OF ACTION	RT, OR OTH	ORATE CURRENT FORMATION
11.	CHECK APPE TYPE OF SUBMISSION  NOTICE OF INTENT (Submit in Duplicate)	ROPRIATE BOXES TO INDIC	CATE NATURE  T  DEEPEN  FRACTURE	YPE OF ACTION  TREAT  STRUCTION	RT, OR OTH	ORATE CURRENT FORMATION ACK TO REPAIR WELL WARILY ABANDON
11.	CHECK APPE TYPE OF SUBMISSION  NOTICE OF INTENT (Submit in Duplicate)	ROPRIATE BOXES TO INDIC	CATE NATURE  T DEEPEN FRACTURE	YPE OF ACTION  TREAT STRUCTION R CHANGE	RT, OR OTH	ORATE CURRENT FORMATION ACK TO REPAIR WELL MARILY ABANDON REPAIR
11.	CHECK APPE TYPE OF SUBMISSION  NOTICE OF INTENT (Submit in Duplicate)	ROPRIATE BOXES TO INDIC	CATE NATURE  T  DEEPEN  FRACTURE  NEW CONS	YPE OF ACTION  TREAT  STRUCTION  R CHANGE  ABANDON	RT, OR OTH REPERFI SIDETRA TEMPOR TUBING VENT OF	ORATE CURRENT FORMATION ACK TO REPAIR WELL MARILY ABANDON REPAIR
11.	CHECK APPE TYPE OF SUBMISSION  NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:	ROPRIATE BOXES TO INDIC	DEEPEN FRACTURE NEW CONS OPERATOR PLUG AND	YPE OF ACTION  TREAT  STRUCTION  R CHANGE  ABANDON	RT, OR OTH REPERFI SIDETRA TEMPOR TUBING VENT OF WATER I	ORATE CURRENT FORMATION ACK TO REPAIR WELL VARILY ABANDON REPAIR R FLARE DISPOSAL SHUT-OFF
11.	CHECK APPE TYPE OF SUBMISSION  NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  SUBSEQUENT REPORT	ROPRIATE BOXES TO INDIC	CATE NATURE  T DEEPEN FRACTURE NEW CONS OPERATOR OPERATOR PLUG AND PLUG BAC PRODUCT	YPE OF ACTION  TREAT STRUCTION R CHANGE ABANDON K	RT, OR OTH REPERFI SIDETRA TEMPOR TUBING VENT OF WATER I	ORATE CURRENT FORMATION ACK TO REPAIR WELL MARILY ABANDON REPAIR R FLARE DISPOSAL SHUT-OFF Request for APD
11.	CHECK APPE TYPE OF SUBMISSION  NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:  SUBSEQUENT REPORT (Submit Original Form Only)	ROPRIATE BOXES TO INDIC  ACIDIZE  ALTER CASING  CASING REPAIR  CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE WELL NAME  CHANGE WELL STATUS	CATE NATURE  T DEEPEN FRACTURE NEW CONS OPERATOR PLUG AND PLUG BAC PRODUCT ONS RECLAMA	YPE OF ACTION  TREAT STRUCTION R CHANGE ABANDON K ON (START/RESUME)	RT, OR OTH REPERFI SIDETRA TEMPOR TUBING VENT OF WATER I	ORATE CURRENT FORMATION ACK TO REPAIR WELL VARILY ABANDON REPAIR R FLARE DISPOSAL SHUT-OFF

Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill ....

FROM:

6-29-2007

TO:

6-29-2008

Approved by the Utah Division of Oil, Gas and Mining

DIV OF OIL, GAS & MINING

Regulatory Affairs Assistant NAME (PLEASE PRINT) Bissell 6/25/2007 SIGNATURE

(This space for State use only)

#### Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

Well Name: Location: Company Per	4304737602 Big Pack 11-21-34-33 719' FSL - 1899' FEL, SWSI mit Issued to: Enduring	g Resources, LLC		
Date Original	Permit Issued: 6/29/2000	6		
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.				
Following is a checklist of some items related to the application, which should be verified.				
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No □				
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑				
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑				
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑				
Has the approved source of water for drilling changed? Yes□No☑				
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑				
Is bonding still in place, which covers this proposed well? Yes ☑No□				
Enette	Bissett	6/25/2007		
Signature		Date		
Title: Regulate	ory Affairs Assistant			
Representing: Enduring Resources, LLC				

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES ON FIDENTIAL

Γ	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-75099
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill ne	wwells, significantly deepen existing wells below current bottom-hole depth, reenter plugged we erals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: n/a
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER	8. WELL NAME and NUMBER: Big Pack 11-21-34-33
2. NAME OF OPERATOR:		9. API NUMBER: 4304737602
Enduring Resources, LLC  3. ADDRESS OF OPERATOR:	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
475 17th Street, Suite 1500	Denver STATE CO ZIP 80202 (303) 350-57	719 Undesignated
FOOTAGES AT SURFACE: 719' FS	SL - 1899' FEL	COUNTY: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN: SWSE 33 11S 21E S	STATE: UTAH
11. CHECK APPR	OPRIATE BOXES TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	1
✓ NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ OTHER: Request for APD
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FOR	RMATION Extension
	OO9 Approved by the	
	Utah Division of Oil, Gas and Mining	
COPY SENT TO OPERA	Date: 0 ₹-0 \-\0\0	
Date: 1.7.200	8	
Initials: KS	By: All All	
		_
NAME (PLEASE PRINT) Alvin R. (A	I) Arlian <sub>TITLE</sub> Landman	
	DATE 6/1/2008	
SIGNATURE	DATE 0/ 1/2000	

(This space for State use only)

RECEIVED
JUN 2 7 2008



### Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

	4304737602 Big Pack 11-21-34-3	12		
Location:		L, SWSE, Sec 33, 11S-R	21E	
		Enduring Resources, LL		
<b>Date Original</b>	Permit Issued:	6/29/2006		
above, hereby	verifies that the i	information as submi	on the property as permitte itted in the previously s not require revision.	d
Following is a verified.	checklist of some	e items related to the	application, which should	<u>be</u>
-	rivate land, has then updated? Yes	•	ed, if so, has the surface	
_		he vicinity of the proposts for this location?	posed well which would af Yes⊡No⊠	fect
	•	er agreements put in roposed well? Yes⊡	place that could affect the l No⊠	<b>;</b>
	•	to the access route in proposed location? Y	ncluding ownership, or righ es⊟No ☑	nt-
Has the approv	ved source of wa	ter for drilling change	ed? Yes□No☑	
	ire a change in p	•	ce location or access routed discussed at the onsite	<b>;</b>
Is bonding still	in place, which c	covers this proposed	well? Yes ☑ No □	
Mu.	<del>\</del>		6/1/2008	
Signature			Date	
Title: Landman				
Representing:	Enduring Resource	es, LLC		
-			RECEIVED	)
			JUN 2 7 2008	
			3 JUN 4 1 ZUUO	

	STATE OF UTAH DEPARTMENT OF NATURAL RESOU	DCES.			FORM 9
DIVISION OF OIL, GAS, AND MINING			5.LEAS	E DESIGNATION AND SERIAL NUMBER: 75099	
	RY NOTICES AND REPORT			6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deep ugged wells, or to drill horizontal laterals			7.UNI1	or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					L NAME and NUMBER: ACK 11-21-34-33
2. NAME OF OPERATOR: Enduring Resources, LLC					NUMBER: 7376020000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500,	Denver, CO, 80202 30		HONE NUMBER: 5114 Ext	9. FIEL WILD	<b>.D and POOL or WILDCAT:</b> CAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0719 FSL 1899 FEL QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN:			COUNT UINTA STATE	AH
	Township: 11.0S Range: 21.0E Meridia	n: S		UTAH	
CHE	CK APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPOR	RT, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	☐ ACIDIZE		ALTER CASING		CASING REPAIR
NOTICE OF INTENT Approximate date work will start: 7/1/2009	CHANGE TO PREVIOUS PLANS	_	CHANGE TUBING		CHANGE WELL NAME
	CHANGE WELL STATUS	_	COMMINGLE PRODUCING FORMATION	NS ∟	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN ☐ OPERATOR CHANGE	_	RACTURE TREAT		NEW CONSTRUCTION  PLUG BACK
	PRODUCTION START OR RESUME	_	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	_	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	TUBING REPAIR		/ENT OR FLARE		WATER DISPOSAL
DRILLING REPORT	☐ WATER SHUTOFF	□ s	SI TA STATUS EXTENSION	1	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER	ОТН	IER:
l .	DMPLETED OPERATIONS. Clearly show all I			s, volumes,	etc.
Req	uest one-year extension to t	erm c	of APD.		Approved by the
					Utah Division of
				Oi	l, Gas and Mining
				Date:	July 13, 2009
				Date	00 cul 100
				By: <u>(</u> )	sold fill
NAME (PLEASE PRINT) Alvin Arlian	<b>PHONE NUMB</b> 303 350-5114	ER	TITLE Landman-Regulatory		
SIGNATURE N/A			<b>DATE</b> 7/1/2009		



### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047376020000

**API:** 43047376020000

Well Name: BIG PACK 11-21-34-33

Location: 0719 FSL 1899 FEL QTR SWSE SEC 33 TWNP 110S RNG 210E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 6/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated?</li> <li>Yes</li> </ul>
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?   Yes  No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ( Yes ( No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   • Yes   • No Utah Division of Oil, Gas and Mining

**Signature:** Alvin Arlian **Date:** 7/1/2009

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC Date: July 13, 2009

Bv:

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	OCES.			FORM 9
DIVISION OF OIL, GAS, AND MINING				<b>SE DESIGNATION AND SERIAL NUMBER:</b> 75099	
	RY NOTICES AND REPORT			6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepo gged wells, or to drill horizontal laterals			7.UNI	For CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					L NAME and NUMBER: ACK 11-21-34-33
2. NAME OF OPERATOR: Enduring Resources, LLC					<b>NUMBER:</b> 7376020000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500,	Denver, CO, 80202 30		PHONE NUMBER: 5114 Ext	9. FIEI WILD	<b>.D and POOL or WILDCAT:</b> CAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0719 FSL 1899 FEL QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN:			COUNT UINT	HA
	Township: 11.0S Range: 21.0E Meridian	n: S		UTAH	
CHE	CK APPROPRIATE BOXES TO INDIC	ATE NA	ATURE OF NOTICE, REPOF	RT, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
✓ NOTICE OF INTENT	☐ ACIDIZE		ALTER CASING		CASING REPAIR
Approximate date work will start: 6/29/2010	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	[	CHANGE WELL NAME
SUBSEQUENT REPORT	☐ CHANGE WELL STATUS	_	COMMINGLE PRODUCING FORMATION	ns _	CONVERT WELL TYPE  NEW CONSTRUCTION
Date of Work Completion:	☐ OPERATOR CHANGE	□ <b>F</b>	PLUG AND ABANDON		PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	☐ F	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	_	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
DRILLING REPORT	☐ TUBING REPAIR ☐ WATER SHUTOFF	_	VENT OR FLARE	,	WATER DISPOSAL APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	_	OTHER		HER:
	     DMPLETED OPERATIONS. Clearly show all p			s, volumes,	etc.
Request for	an one-year extension to AP	D Ter	rmination Date.		Approved by the
					Utah Division of
				O	l, Gas and Mining
				Date:	July 06, 2010
				By: <u></u>	×00.4111
					<b>4</b> 5
			I		
NAME (PLEASE PRINT) Alvin Arlian	<b>PHONE NUMBI</b> 303 350-5114	ER	TITLE Landman-Regulatory		
SIGNATURE N/A			<b>DATE</b> 7/1/2010		



### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047376020000

**API:** 43047376020000

Well Name: BIG PACK 11-21-34-33

Location: 0719 FSL 1899 FEL QTR SWSE SEC 33 TWNP 110S RNG 210E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 6/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated?</li> <li>Yes</li> <li>No</li> </ul>
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No</li> </ul>
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   • Yes   • No Utah Division of Oil, Gas and Mining

**Signature:** Alvin Arlian **Date:** 7/1/2010

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC Date: July 06, 2010

By:

## **RECEIVED**

JAN 0 3 2005

Form 3160-3 (April 2004)			OMB 1	APPROVED No. 1004-0137 March 31, 2007
UNITED STATES DEPARTMENT OF THE BUREAU OF LAND MAN	5. Lease Serial No. UTU-75099			
APPLICATION FOR PERMIT TO	6. If Indian, Allotee or Tribe Name N/A			
la. Type of work: ✓ DRILL REENTI	ER		7 If Unit or CA Ag	reement, Name and No.
lb. Type of Well: Oil Well Gas Well Other	✓ Single ZoneMult	iple Zone	8. Lease Name and Well No. <b>Big Pack</b> #11-21-34-33	
2. Name of Operator  Enduring Resources, LLC			9. API Well No. 43-04	1-37602
3a. Address 475 17th Street, Suite 1500 Denver, CO 80202	3b. Phone No. (include area code) 303-350-5114		10. Field and Pool, or undesignated	•
4. Location of Well (Report location clearly and in accordance with an	ry State requirements.*)		11. Sec., T. R. M. or I	Blk. and Survey or Area
At surface 719' FSL - 1,899' FEL SWSE  At proposed prod. zone Same as surface			Sec 33 T11S I	R21E S.L.B.&M.
14. Distance in miles and direction from nearest town or post office* 53.7 miles south of Vernal, UT			12. County or Parish Uintah	13. State
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of acres in lease	•	ng Unit dedicated to this	well
(Also to nearest drig. unit line, if any)  18. Distance from proposed location*	1280	40 ac	res BIA Bond No. on file	
to nearest well, drilling, completed, applied for, on this lease, ft.  1000' +	19. Proposed Depth 8308'		- UTB000173	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5986' KB-RT	22 Approximate date work will start* 02/25/2005		23. Estimated duration 20 days	
	24. Attachments			
<ol> <li>The following, completed in accordance with the requirements of Onshor</li> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	4. Bond to cover: Item 20 above).  Lands, the 5. Operator certifi	the operation	ns unless covered by ar	n existing bond on file (see
25. Signature	Name (Printed Typed) Alvin R. (Al) Arlian			Date 12/28/2005
Title  Landman - Regulatory Specialist	Aiviii K. (Ai) Artial			12/28/2005
Approved by (Signature)	Nam James H	H. S	parger	DatgUL 1 6 2010
Acting Assistant Field Manager Lands & Mineral Resources	Office VERN	IAL FII	ELD OFFICE	
Application approval does not warrant or certify that the applicant holds conduct operations thereon.  Conditions of approval, if any, are attached.	s legal or equitable title to those right NS OF APPROVAL A			entitle the applicant to
Fitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cristates any false, fictitious or fraudulent statements or representations as to	ime for any person knowingly and to any matter within its jurisdiction.	willfully to m	ake to any department of	or agency of the United

\*(Instructions on page 2)

**NOTICE OF APPROVAL** 

RECEIVED

JUL 28 2010

DIV. OF OIL, GAS & MINING





### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

**VERNAL, UT 84078** 

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No: Enduring Resources, LLC

170 South 500 East

Big Pack 11-21-34-33

43-047-37602

Location: Lease No: SWSE, Sec. 33, T11S, R21E

UTU-75099

Agreement:

N/A

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER:** 

(435) 781-3420

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

### NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	<ul> <li>Forty-Eight (48) hours prior to construction of location and access roads.</li> </ul>
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut vn opreport@blm.gov.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	<ul> <li>Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.</li> </ul>

Page 2 of 9 Well: Big Pack 11-21-34-33

6/15/2010

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
  work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
  mitigation may be necessary for the discovered paleontologic material before construction can
  continue.
- 1. Wildlife and T&E Species:

Lands in this lease have been identified as crucial habitat for pronghorn and sage grouse, and some raptors. Therefore, modifications to the Surface Use Plan of Operations will be required in order to protect this wildlife habitat from surface disturbing activities (see below).

Observe the timing restrictions given below (Only during construction & drilling).

TIME RESTRICTIONS

**REASONS** 

May 15 – June 20...... Pronghorn kidding habitat

During these periods, there will be no construction, drilling, fracing, or completion operations in order to minimize surface disturbance within crucial habitat.

### 2. Transportation:

- All roads will be constructed to Gold Book standard.
- o Limit use of roads by heavy equipment during the periods when the roads are muddy.
- Operator will perform normal operational winter maintenance: roads will be plowed to allow safe navigation. And if snow is heavy, plows will provide breaks in the snow piled berms to allow free movement of wildlife across all roads.

### 3. Noxious Weeds:

- Power-wash all construction equipment before commencing construction activities in order to eliminate noxious weeds.
- 4. Restrictions for placement of surface pipelines:
  - a) Surface pipelines will be placed 5-10 feet outside of the borrow area.
  - b) Surface pipelines will be placed in such a way that they will not wander into the borrow area.
  - c) Pipelines will be buried at all major road and drainage crossings.

Page 3 of 9 Well: Big Pack 11-21-34-33

6/15/2010

5. Paint all facilities Yuma Green within six months of installation, except those facilities which are required to comply with the Occupational Safety and Health Act (OSHA).

### 6. INTERIM RECLAMATION:

- Interim reclamation of the surface environment shall take place after drilling and completion and the well is placed into production. At a minimum, this will include the stabilization of the soil surface during construction, re-contouring of the unused pad area and the reserve pit to the original contour, to the extent possible; and the re-spreading of the top soil up to the rig anchor points and any area not needed for production. Buried pipelines will be re-contoured, the salvaged topsoil redistributed and reseeded. The outside borrow of the access road will have the topsoil salvaged and re-spread and reseeded. The area will be reseeded using appropriate seeding methods, which includes, but is not limited to, the drill seeding method (see below). Any adjustments, due to site specific production concerns, the reclamation COAs in this document can be submitted on Sundry form 3160-5.
- The reclamation objective is to establish a desired self-perpetuating diverse plant community. The objective is to attain 75% basal cover based on similar undisturbed adjacent native vegetative community, and comprised of desired species and/or seeded species within 5 years of initial reclamation action. However if after three (3) growing seasons there is less than 30% of the basal cover based on similar undisturbed native vegetative community, then the Authorized Officer may require additional seeding efforts.
- Topsoil will be segregated from the subsoil (without mixing them), stockpiled separately from other soil materials, and maintained for future use in rehabilitating the locations.
- Topsoil piles stored beyond one growing season will be stabilized and seeded to prevent erosion.
- Topsoil storage areas will be identified with appropriate signage, so it is easily identifiable where topsoil is on location.
- Noxious and invasive weeds will be inventoried and monitored. Noxious and invasive
  weeds will be controlled through integrated weed management including chemical,
  mechanical, and biological control methods. An approved Pesticide Use Proposal (PUP) is
  required for all herbicide applications.
- Earth work for interim and final reclamation must be completed within 6 months following well completion or well plugging (weather permitting).
- Salvaged topsoil will be re-distributed evenly, and to pre-disturbance depths, over the surfaces to be re-vegetated.
- The soil surface will be prepared to provide a seedbed for re-establishment of desirable vegetation. Site preparation may include gouging, scarifying, dozer track-walking, mulching, hydro mulching, contour furrowing, water terracing, fertilizing, disking, soil additives or other approved methods. The seedbed preparations will be determined to accomplish the reclamation objectives above.
- The seeding contractor will provide all seed tags to the appropriate SMA prior to seeding efforts.

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Well: Big Pack 11-21-34-33 6/15/2010

Seeding will occur after August 15 and prior to winter freezing of the soil.

- Drill seeding will be used except in areas where topography or substrate composition (rock) precludes the use of the drill. If drill seeding is not possible, broadcast seeding will be implemented. If the broadcast method is used (such as on slopes of 40 percent or greater), the seed rates established for drill seeding will be doubled and seed will be immediately covered to prevent seed desiccation or predation by birds or rodents. The seeds could be covered in several ways including spreading and crimping straw over the seeded area, raking the area by hand, or dragging a chain or chain-linked fence over the seeded area.
- Any altered drainages or water courses will be stabilized trough rip rap, berming, seeding, matting, or other approve methods, and will be reconstructed to have the characteristics and features of nearby functional drainages. Any disturbance to "dashed line" drainages as depicted on USGS 1:24,000 topographic maps will be coordinated with the corps of engineers prior to disturbance.

### F. FINAL RECLAMATION:

- Final Reclamation will be similar to interim reclamation except, all disturbance associated
  with the well location, access road and pipeline will be reclaimed. The seed mix may
  include more shrubs and native species. The visual composition will be reestablished to
  blend with the natural surroundings through re-contouring and reseeding.
- After pipeline installation is complete, all disturbed areas will be reseeded. The seed
  mixtures to be used will be similar to the vegetation of the surrounding areas and may
  consist of grasses, forbs, or shrubs. A recommended seed mixture is provided in the table
  below.

### G. MONITORING – RECLAMATION:

- The initial monitoring report will include but is not limited to: when the re-contouring and seeding was completed. The seed applied, the amounts, and the depth of application. Seedbed preparation such as disking, mulching, etc. Seed application such as drilling or broadcast seeding. Are there any soil amendments, fertilizers, watering, etc. The amounts of noxious and invasive weeds. Are any fencing requirements needed?
- Prior to any surface disturbance, vegetative monitoring locations and reference sites will be identified by the operator and approved by the BLM Authorized Officer.
- Vegetation monitoring protocol will be developed by the operator and approved by the BLM Authorized Officer prior to implementation of re-vegetation techniques and will be designed to monitor % basal vegetative cover.
- Reclamation areas will be inspected annually and monitored to document location and extent of areas with successful re-vegetation. Monitoring will continue until the site is considered a success by the authorized officer and the objectives established in the Green River District Guidelines. A reclamation report will be submitted electronically to the Authorized Officer by March 31 of each year.

Page 5 of 9 Well: Big Pack 11-21-34-33 6/15/2010

On Federal lands, the reclamation objective will be a vegetation community that within 5 years is comprised of desired and/or seeded species, where the basal vegetative cover is 75 percent of a similar undisturbed adjacent native vegetation community. If after 3 years basal cover is less than 30 percent, then additional seeding and reclamation efforts may be required.

Seed mix - Interim Reclamation: BP 11-21-34-33, BP 11-21-41-33, and BP 11-21-43-33.

Common name	Latin name	lbs/acre	Recommended seed planting depth (inches)
needle & thread grass	Stipa comata	3	1.5 - 3
Indian rice grass	Achnatherum hymenoides	3	1.5 - 3
Squirreltail grass	Elymus elymoides	4	0.5 – 0.75
hycrest crested wheatgrass	Agropyron cristayum/Agropyron desertorum hybrid	4	0.5 - 0.75

Seed mix - Final Reclamation: BP 11-21-34-33, BP 11-21-41-33, and BP 11-21-43-33. (May be amended at the time of well final abandonment)

Common name	Latin name	lbs/acre	Recommended seed planting depth (inches)
shadscale	Atriplex confertifolia	3	0.5 – 0.75
Indian rice grass	Achnatherum hymenoides	3	1.5 - 3
needle & thread grass	Stipa comata	3	1.5 - 3
black sagebrush	Artemisia nova		0.5-1
greasewood	Sarcobactus vermiculatus	2	1/4 – 1/2
hycrest crested wheatgrass	Agropyron cristayum/Agropyron desertorum hybrid	4	0.5 – 0.75

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Page 6 of 9 Well: Big Pack 11-21-34-33

6/15/2010

## DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

None.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
  encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
  Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

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Well: Big Pack 11-21-34-33 6/15/2010

 A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 8 of 9 Well: Big Pack 11-21-34-33

6/15/2010

### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written communication
  and must be received in this office by not later than the fifth business day following the date on
  which the well is placed on production. The notification shall provide, as a minimum, the following
  informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1.
   Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Page 9 of 9 Well: Big Pack 11-21-34-33 6/15/2010

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
  BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
  hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
  be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior approval
  of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
  approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
  of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Sundry Number: 16178 API Well Number: 43047376020000

	STATE OF UTAH		FORM 9
	DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-75099
SUND	RY NOTICES AND REPORTS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen agged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BIG PACK 11-21-34-33
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047376020000
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500,		IE NUMBER: 50-5114 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0719 FSL 1899 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 33	IP, RANGE, MERIDIAN: Township: 11.0S Range: 21.0E Meridian: S	3	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
6/29/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATION	NS CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
·	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT	□ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
42 DESCRIPT PROPOSED OF SE			<u></u>
	OMPLETED OPERATIONS. Clearly show all pert In one-year extension to APD t		s, volumes, etc.
1.0943331			
			Approved by the
			Utah Division of Oil, Gas and Mining
			Date: 06/27/2011
			- 1 00 cul VV
			By: Down Harr
			7.5
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory	
SIGNATURE		DATE	
N/A		6/27/2011	

Sundry Number: 16178 API Well Number: 43047376020000



### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047376020000

**API:** 43047376020000

Well Name: BIG PACK 11-21-34-33

Location: 0719 FSL 1899 FEL QTR SWSE SEC 33 TWNP 110S RNG 210E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 6/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes </li> <li>No</li> </ul>
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes </li> <li>No</li> </ul>
• Has the approved source of water for drilling changed?   Yes   No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

**Signature:** Alvin Arlian **Date:** 6/27/2011

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC

Sundry Number: 27253 API Well Number: 43047376020000

	OTATE OF UTALL		FORM 9	
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES				
DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-75099	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BIG PACK 11-21-34-33	
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047376020000	
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700	, Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 350-5114 Ext	9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: UINTAH	
0719 FSL 1899 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 33 Township: 11.0S Range: 21.0E Meridian: S			STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
7/2/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	New construction	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
	_			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	LI TEMPORARY ABANDON	
	L TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a	II pertinent details including dates,	depths, volumes, etc.	
Request an	one-year extension to APD	expiration date.	Approved by the	
			Utah Division of Oil, Gas and Mining	
			Date: July 03, 2012	
			By: Basquill	
			72	
NAME (DI EACE DOINT)	BLIONE NUMB	ED   TITLE		
NAME (PLEASE PRINT) Alvin Arlian	<b>PHONE NUMBI</b> 303 350-5114	ER TITLE Landman-Regulatory		
SIGNATURE N/A		<b>DATE</b> 7/2/2012		

Sundry Number: 27253 API Well Number: 43047376020000



### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047376020000

**API:** 43047376020000

Well Name: BIG PACK 11-21-34-33

Location: 0719 FSL 1899 FEL QTR SWSE SEC 33 TWNP 110S RNG 210E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 6/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
notions. Alvin Arlian Data: 7/0/0040

Signature: Alvin Arlian Date: 7/2/2012

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

PECEWED

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

JUN 1 3 2012

JNDRY NOTICES AND REPORTS ON WELLS  $^{-3.4}$ 

5. Lease Serial No. UTU75099

Do not use this form for proposals to drill or to re-enter an				01075099			
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals				6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7. If Unit or CA/Agreement, Name and/or No.			
Type of Well				8. Well Name and No BIG PACK 11-21			
2. Name of Operator Contact: ALVIN (AL) ENDURING RESOURCES, LLC E-Mail: aarlian@enduringresour			ARLIAN .com		9. API Well No. 43-047-37602		
511-16TH STREET, SUITE 700			3b. Phone No. (include area code) Ph: 303-350-5114 Fx: 303-573-0461		10. Field and Pool, or Exploratory WILDCAT		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			11. County or Parish,	and State	
Sec 33 T11S R21E Mer SLB SWSE 719FSL 1899FEL 39.484250 N Lat, 109.341090 W Lon			UINTAH COUNTY		TY, UT		
12. CHECK APP	ROPRIATE BOX(ES) TO	O INDICATE N	ATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			ТҮРЕ С	F ACTION			
Notice of Intent	Acidize	□ Deepe		_	tion (Start/Resume)	□ Water Shut-Off	
☐ Subsequent Report	Alter Casing	□ Fractu		□ Reclam		☐ Well Integrity	
<del></del>	, –	☐ Casing Repair ☐ New Construction		_	Recomplete Oth		
☐ Final Abandonment Notice	Change Plans	_	nd Abandon		arily Abandon	PD PD	
13. Describe Proposed or Completed Op	Convert to Injection	□ Plug B		□ Water I			
If the proposal is to deepen direction. Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f	ally or recomplete horizontally, rk will be performed or provide I operations. If the operation rest bandonment Notices shall be fil	give subsurface loc the Bond No. on fi sults in a multiple o	ations and meas le with BLM/BI ompletion or rec	ured and true vo A. Required su completion in a	ertical depths of all perting bsequent reports shall be new interval, a Form 316	nent markers and zones. If filed within 30 days  50-4 shall be filed once	
Request a two-year extension	of APD expiration date:			Contraction of the Contraction o			
FROM: 07-17-2012					LFIELD OFFICE		
TO: 07-17-2014		DEAR		ENG.	H 8/2/12		
		RECE	IVED	\$	-		
		SEP 1	2012	GEOL			
		SEF	ZUIZ	E.S		,	
AALINIMIALA AF	ANNONIA: ATTACITE	DIV. OF OIL, G	AS & MINING	PET.		:	
CONDITIONS OF APPROVAL ATTACHED							
				ेECL			
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #1	40487 verified b	v the BLM We	II Information	System		
	For ENDURING Committed to AFMSS for	G RESOURCES.	LLC sent to	the Vernal			
Name (Printed/Typed) ALVIN (AL		I		ATORY SPE			
Signature (Electronic S	ubmission)	D	ate 06/13/2	.012			
	THIS SPACE FO						
1.//			Agai	stant Field M	anager A:	IC 1 E 2012	
Approved By				& Mineral Re		JG 1 5 au 2012	

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

VERNAL FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

### **CONDITIONS OF APPROVAL**

### **Enduring Resources, LLC**

# **Notice of Intent APD Extension**

Lease:

UTU-75099

Well:

Big Pack 11-21-34-33

Location:

SWSE Sec 33 T11S R21E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 07/16/2014.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

Sundry Number: 39375 API Well Number: 43047376020000

	STATE OF UTAH		FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-75099	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BIG PACK 11-21-34-33	
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047376020000	
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700	, Denver, CO, 80202	PHONE NUMBER: 303 350-5114 Ext	9. FIELD and POOL or WILDCAT: WILDCAT	
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: UINTAH	
0719 FSL 1899 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 33 Township: 11.0S Range: 21.0E Meridian: S			STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
6/29/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	New construction	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	LI TEMPORARY ABANDON	
_	L TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	all pertinent details including dates, o	depths, volumes, etc.	
Request for a	an one-year extension to AF	PD expiration date.	Approved by the	
			Utah Division of Oil, Gas and Mining	
			Date: July 01, 2013	
			By: Backylll	
 	,	DED   TITLE		
NAME (PLEASE PRINT) Alvin Arlian	<b>PHONE NUM</b> 303 350-5114	BER TITLE Landman-Regulatory		
SIGNATURE N/A		<b>DATE</b> 6/26/2013		

Sundry Number: 39375 API Well Number: 43047376020000



### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047376020000

**API:** 43047376020000 **Well Name:** BIG PACK 11-21-34-33

Location: 0719 FSL 1899 FEL QTR SWSE SEC 33 TWNP 110S RNG 210E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 6/29/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

_				
• If located Yes 📵	d on private land, has the No	ownership changed, if so, h	has the surface agreeme	nt been updated? 🔘
	wells been drilled in the ents for this location?	e vicinity of the proposed we Yes 📵 No	ell which would affect th	e spacing or siting
	e been any unit or other and well? 🔵 Yes 🌘 N	agreements put in place tha	at could affect the permi	tting or operation of this
	re been any changes to t I location? 🔵 Yes 🍺	the access route including o No	ownership, or rightof- wa	y, which could affect the
• Has the a	approved source of water	r for drilling changed? 🔘	Yes 📵 No	
		inges to the surface location the onsite evaluation?		will require a change in
• Is bondin	ng still in place, which co	vers this proposed well? 🥃	Yes 🔵 No	
Signature: Alvi	in Arlian	<b>Date:</b> 6/26/2013		

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

Division Director

JOHN R. BAZA

Al Arlian **Enduring Resources, LLC** 511-16th Street, Suite 700 **Denver, CO 80202** 

APDs Rescinded for Enduring Resources, LLC, Uintah County Re:

Dear Mr. Arlian:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective June 18, 2014.

June 24, 2014

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

**Environmental Scientist** 

Well File cc:

Bureau of Land Management, Vernal



	43-047-39400 43-047-36548 43-047-38293	Southman Cyn 10-24-11-34 Rock House 10-23-23-30 Rock House 10-23-24-30
	43-047-38340 43-047-38327 43-047-38326	Rainbow 11-24-22-15 Sand Wash 12-22-32-35 Sand Wash 12-22-11-35
$\rightarrow$	43-047-38339 43-047-37602 43-047-37264	Southam Cyn 11-24-11-10 Big Pack 11-21-34-33 Asphalt Wash 11-24-13-09